

PLEASE NOTE THAT THIS DRAWING IS ISSUED FOR INFORMATION/TENDER PURPOSES ONLY UNTIL TECHNICAL APPROVAL HAS BEEN GRANTED. ANY WORK UNDERTAKEN PRIOR TO TECHNICAL APPROVAL BEING GRANTED IS AT THE CLIENTS RISK.

100mmØ REMOTE VENT WITH CAPPING
TO PREVENT CELLULAR STORAGE
BECOMING AIR LOCKED DURING USE

CLIENT TO CONSULT WITH CHOSEN
CELLULAR STORAGE MANUFACTURER TO
CONFIRM EXACT TYPE OF UNIT TO BE
USED AND CONSTRUCTION DETAILS
REQUIRED DEPENDANT ON DEPTH AND
LOCATION

BACKFILL USING STONE FREE AS DUG
MATERIAL WITH NO PARTICLE SIZE GREATER
THAN 40mm

CELLULAR STORAGE

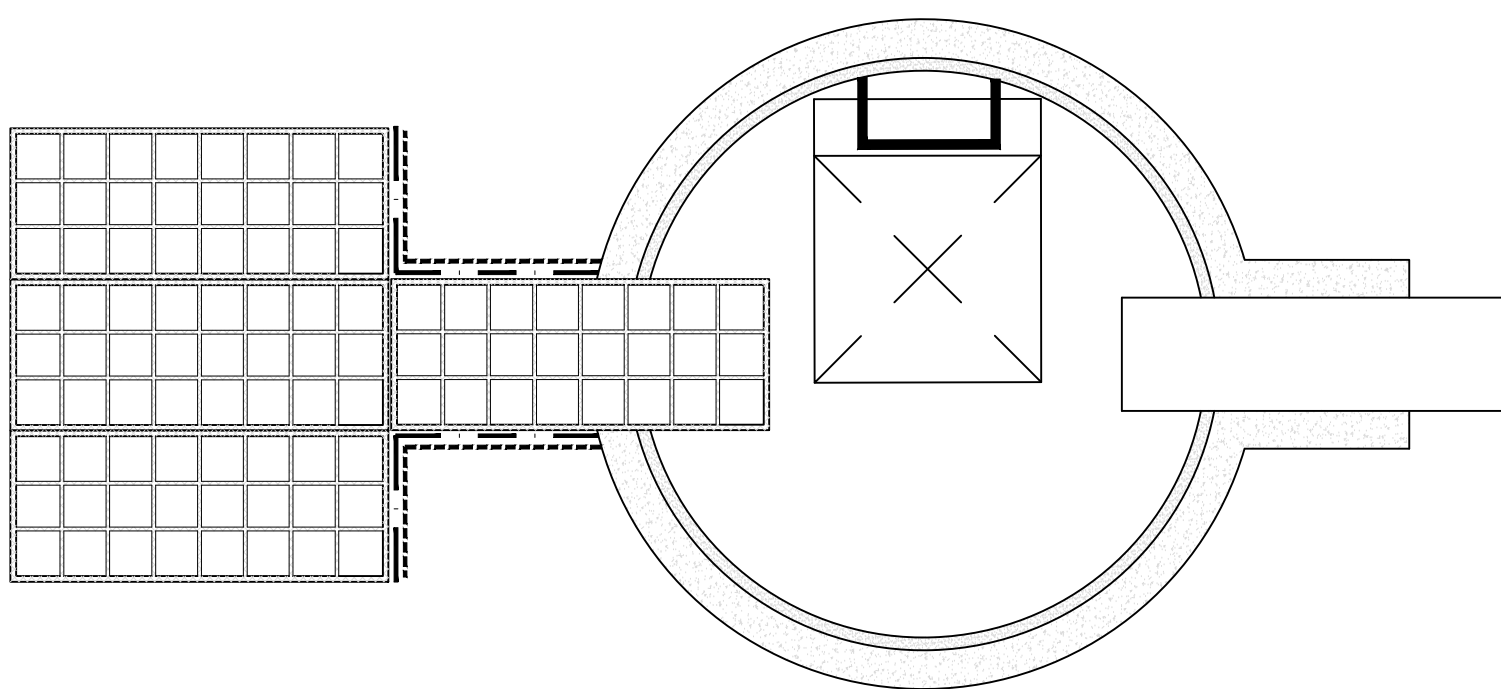
WATERPROOF GEOMEMBRANE

GEOTEXTILE WRAPPING

100mm THICKNESS OF WELL COMPACTED
COARSE SAND BED & SURROUND

REFER TO ROAD AND MAIN DRAINAGE
DESIGN DETAILS FOR :-

1. LOCATION OF CELLULAR STORAGE
2. SIZE / DIMENSIONS OF CELLULAR STORAGE
3. INVERT LEVELS AND COVER LEVELS



GENERAL

1. All adoptable sewers and associated works are to comply fully with "Design and Construction Guidance" & Local Practices
2. All highway works to be to adoptable standards and to comply fully with the Local Authority specification.
3. All private drainage works are to comply with Part 4 of the Building Regulations.
4. All existing invert levels to be checked by the Contractor at the start of works and any discrepancies notified to REFA.
All levels are based on topographical survey information provided by others.
5. All materials to bear the relevant BS/Kitemark and comply fully with the specifications.
All concrete and concrete reinforcement must use Sulphate resistant cement (unless the site investigation report proves that sulphate attack from soils and groundwater will not occur)
6. All opening notices etc. as required under highways acts etc. are to be obtained prior to commencement of works.
All works are to be supervised by LA, NHBC or Relevant Water Authority as applicable.

C.D.M. REGULATIONS 2015

In line with the above regulations we are obliged to inform the Client of their responsibilities under section CDM 15/1, and residual risks that may be encountered in the construction of these works.

All design work has been carried out with Health and Safety aspects given full consideration. Wherever possible risks have been eliminated from the design, however due to the very nature of this type of work it is not possible to remove all the risks from the design.

We would also respectfully remind the Client of his obligations to take all reasonable steps in ensuring that only competent Contractors who have a valid safety policy are employed.

They should also provide satisfactory responses at tender stage as to the manner in which they will deal with the elements of risk involved in this type of work and in particular those highlighted by RFEA below:-

1. Support / treatment for ALL excavation work.
2. Guarding to edges of excavations to prevent people, materials and vehicles falling into excavation.
3. Guarding of excavations outside working hours to prevent unauthorised access.
4. Undermining to adjacent roads or structures.
5. Confined space operations.
6. Dealing with existing services.
7. Traffic management on existing highways.
8. Procedure to be followed in event of accident or emergency.
9. Method of working where contaminated ground is present on site.
10. Confirmation will be required that all operatives are adequately trained, copies of relevant training certificates to be supplied.

The above list is by no means exhaustive but it does highlight operations that present a risk to contractors and the general public.
For clarification on any item please contact REFA.

[illegible]

rev	Revision details	Rev.By	Date
-----	------------------	--------	------



Drawing Stage		Drawing Status	
	Draft	Comments	● Tender
●	Issued	Information	Construction
		● Approval	As Built

Client

ROCHDALE

BOROUGH COUNCIL

Job title

BROWNHILL LEARNING COMMUNITY
SUTHERLAND ROAD, HEYWOOD

Drawing title

STANDARD CELLULAR STORAGE

DETAIL



Date 12.03.24	Scale N.T.S.	Drawn PT
------------------	-----------------	-------------

DRAWING No	23062/102-1	Rev
------------	-------------	-----

© This drawing is the property of REFA and should not be copied, used or its contents divulged without prior written consent.